

Yale University President's Public Service Fellowship

Proposal for Fellowship Placement • Summer 2017

- Organization:
Yale Pathways to Science Summer Scholars Residential Program
 - Full street address of organization:
433 Temple Street, New Haven, CT 06511
 - Website:
<http://onhsa.yale.edu/programs/pathways-summer-scholars>
<https://www.youtube.com/watch?v=lt5kfu3OIoI>
 - Name and title of the Direct Supervisor (*please note: the Direct Supervisor must be available to supervise Fellow on a daily basis*):
Maria Parente, Coordinator for Community Programs in Science
 - Phone number and e-mail address of Direct Supervisor:
203-436-4677, maria.parente@yale.edu
 - Placement dates (*8-11 weeks between Tuesday, May 30 and Friday, August 11, 2017*):
May 30th to August 11th, 2016
 - Are placement dates flexible? If so, please describe:
Yes, we can be a bit flexible with the end date. Also, hours are somewhat flexible when the Pathways Summer Scholars program is not in session.
 - Hours of the program (*placements should be equivalent to full-time*):
When the Pathways Summer Scholars program is in operation (July 8-July 22), this is a full-time Residential Advisor and Teaching Assistant position on campus, and room/board will be provided. Before the start and after the conclusion of the program, hours are weekdays 9am-5pm (there is some flexibility in hours, if needed)
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Placement Description

- Organization description (*Mission statement, population served. 150 words or less.*): **Pathways to Science is Yale's coordinated STEM outreach initiative that provides an overarching infrastructure for the many and varied STEM programs and events for local pre-college students at Yale. Through Pathways, local students are invited to participate in a variety of STEM programs and events on campus throughout the year. These programs, which emphasize student engagement and hands-on learning, are designed to increase students' interest in STEM fields, underscore the importance of STEM in their daily lives, and positively influence students' perception of their own ability to succeed in a STEM career. The Pathways Summer Scholars Residential Program brings 35 local rising high school seniors to Yale's campus for an intensive two-week summer program. During the program, students take workshops taught by Yale scientists and local school teachers in fields ranging from coding to neuroscience, chemistry, engineering, and more. Students also participate in enrichment activities designed to prepare students for college life – academically, socially, and emotionally.**
- Please write a 1-2 sentence summary of the work that the Fellow would be conducting (*50 words or less. This will be used as your agency's project description summary on the PPSF website, so please be succinct*):
The PPSF fellow will join a team of Yale Pathways to Science staff, faculty, and graduate students to plan, prepare, implement, and evaluate the Summer Scholars Residential Program. The PPSF fellow will be a thought partner in developing program structure, managing day-to-day logistics, and evaluating program effectiveness. In addition, the PPSF fellow will serve as one of five Residential Advisors/Teaching Assistants during the two-week program session. In this role, the PPSF fellow will live on campus with the high school students, working with fellow RA/TAs to develop and implement college readiness enrichment activities.
- Please write a complete description of the specific project you propose and list the duties/outcomes expected of the Fellow. (*Suggested length: one to two pages.*)

The PPSF will serve as a key member of the team charged with planning and designing the Pathways Summer Scholars Program. As the Student Program Associate, the PPSF is responsible for managing program preparation and ensuring that day-to-day operations run smoothly.

Prior to the program start, the fellow's duties will include preparing staff training materials and information for student participants, planning program activities, ordering supplies and materials, and maintaining contact with Yale faculty and students involved in the program.

The Pathways Summer Scholars Residential Program placement also offers the PPSF an opportunity to work directly with local high school students in a unique and intense summer science program. During the two-week program session, the PPSF will serve as both Residential Advisor and Teaching Assistant, mentoring rising high school seniors in the program. This role entails living on campus with the students, attending classes with them, aiding in any teaching or breakout sessions required by course instructors, and developing enrichment activities focused on college preparation.

Following the program session, the PPSF fellow will be responsible for generating a summative report detailing the successes of the Pathways Summer Scholars Residential Program and the suggestions for improvement for the following year's program.

*For pictures of past sessions of the Pathways Summer Scholars Program, please see www.instagram.com/yalepathwaystoscience.

- Specific skills/experience required for the project (*Please list*):
 - **Maturity, energy, enthusiasm, and a genuine interest in young people are required.**
 - **Excellent organizational skills and writing skills.**
 - **Previous teaching experience or program curricular development preferred but not required.**
 - **A sense of humor.**
- Additional requirements (e.g. a car or weekend working hours). If a car is required, please include information regarding parking arrangements and mileage reimbursement): none
- Briefly describe the work that Yale PPSF Fellows have done with your agency in the past and present. If you have not worked with Yale Fellows, please describe any work that Yale students have done with your agency.

PPSF fellows have been leaders in Yale Pathways to Science summer programming since 2009. The role of the PPSF fellow cannot be overstated. In the Summer

Scholars program, PPSF fellows have served as mentors, residential advisors, and leaders in planning and executing program enrichment activities for local students. Feedback from past Summer Scholars participants indicate that the relationships forged with their undergraduate and graduate student mentors over the course of the program have encouraged participants to see themselves as college students and young scientists. This influence is powerful, as half of the summer participants will be first in family to attend college. Moreover, many undergraduate and graduate students choose to continue building on their work as a PPSF fellow during the academic year, volunteering at other STEM programs and events offered to Pathways students.
